250W Wizard Extreme Scanner

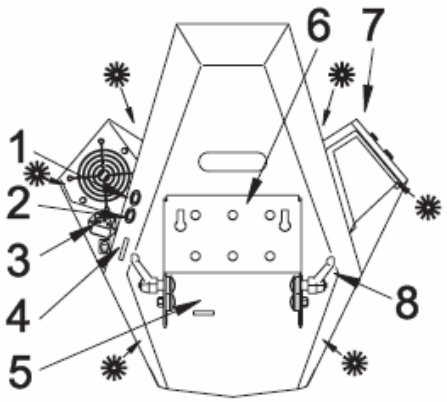
USER'S MANUAL

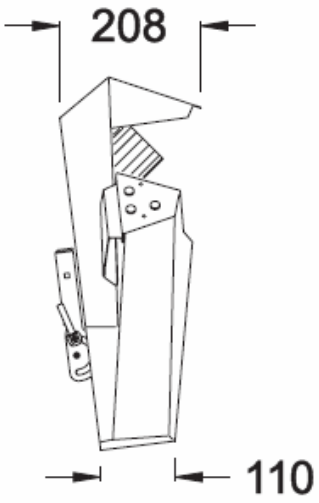
1 Specifications

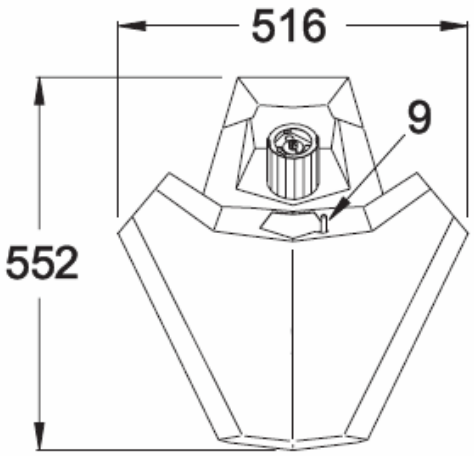
Power Consumption	300W
Lamp	250W Discharge
Projecting distance	15M
Color Wheel	1, with 7 Colors
Gobo Wheel	1, with 13 Patterns
Focus	Yes
Control system	DMX 512
DMX Channel	11 Channels
Connection	3 pins XLR-sockets
Input Voltage	100V~256VAC
Dimension	L55*W52*H21CM
Housing	Metal
Weight	21kgs±5%

1. Data sockets
2. Power and Data LEDs
3. Power input, main fuse, power on/off switch
4. DIP switch
5. Safety cable eye
6. Mounting bracket
7. Lamp housing
8. Swivel locks
9. Focus rod (see illustration below right)

✸ Cover access screws







Measurements are in millimeters

2 Control Modes

Stand Alone Mode	Select effects using LCD panel to the left hand side of the light.
DMX	International standard DMX512 signal control
Master/Slave Mode	***Important! Set only 1 fixture as master or you may cause damage to your fixtures***
Sound Active	Run to Music

3 LCD Control Panel

Function Setting (panel operation)

Display operation

Mode 1、This is default mode, press UO or DOWN to select address when receiving DMX512 signal under this mode.

Receive DMX512 signal when the address shows

Mode 2、Press MODE-ESC to enter mode 2.You will see 3 states, press UP or DOWN to choose "MSTA", "MSTS", or "SLAV", then press ENTER to confirm. The display shows "ARUN", "SRUN" or "SON". Or press MODE-ESC to cancel the select, and then enter Mode 3.

→ Master Mode: Master auto mode

→ Master Mode: Master sound control mode

→ Slave Mode: Salve

Mode 3、This mode is horizontal scan state. Press UP or DOWN to choose "PAN" or "RPAN", press ENTER to confirm, or press MODE-ESC to cancel the select, and then enter Mode 4.

Pan Mode: Positive

Pan Mode: Negative

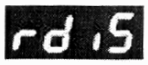
Mode 4、This mode is the vertical scan state. Press UP or DOWN to choose "TIL" or "RTIL", press ENTER to confirm, or press MODE-ESC to cancel the select, and then enter Mode 5.

Tilt Mode: Positive

Tilt Mode: Negative

Mode 5、This mode is the direction of selection for the LED display. Press UP or DOWN to choose "DIS" or "R DIS", press ENTER to confirm, or press MODE-ESC to cancel the select, and then enter Mode 6.

LED Mode: Positive


LED Mode: Positive

Mode 6、This mode switch control for the lamp. Press UP or DOWN to choose "LAON" or "LAOF", press ENTER to confirm, or press MODE-ESC to cancel the select, and then enter Mode 7.

Lamp on

Lamp off

Mode 7、This model for the system reset control. Under this mode press ENTER to confirm Reset, or press MODE-ESC to cancel the select, and then enter Mode 8.

System reset

Mode 8、This mode is for the restoration of factory settings. Under this mode press ENTER to confirm Reset and restoration of factory settings, or press MODE-ESC to cancel the select, and then enter Mode 1.

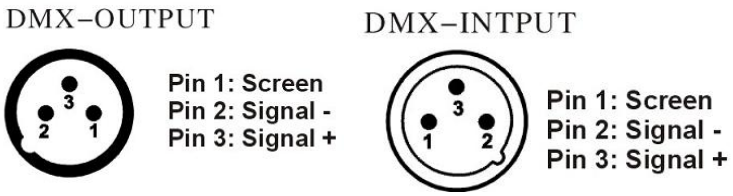
Lode default

4 DMX CHART

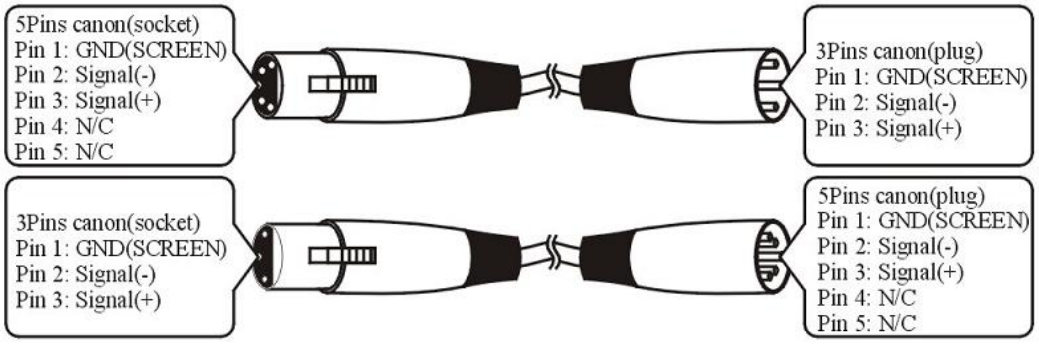
Channel No.	DMX Value	Description
1	0~129	Dimmer
	130~189	Strobe
	190~214	Fast Blackout
	215~229	Slow Blackout
	230~255	Open
2	0~65	Auto Rotate
	66~129	Rotation Speed, from fast to slow
	130~255	Clockwise and Counter Clockwise Rotation
3	0~100	Auto Color Change
	101~255	Rainbow Effect
4	0~255	Color Selection
5	0~140	13 Different Gobo Patterns
	141~239	Gobo Wheel rotation Clockwise and counter clockwise
	240~255	Auto Gobo wheel rotation
6	0~255	Gobo Shake
7	0~255	PAN
8	0~255	Tilt
9	0~255	Auto Run
10	0~255	Pan Speed
11	0~255	Color Changing Intervals (Speed of Ch4)

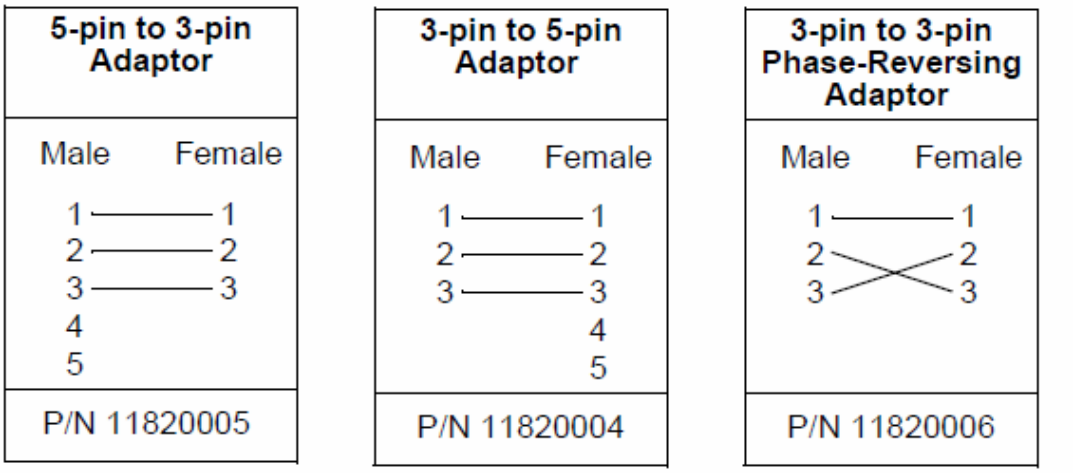
5 DMX Connections and Set Up

DMX Input and Output slots **ARE DIFFERENT**, please read the mark carefully before you link the light:

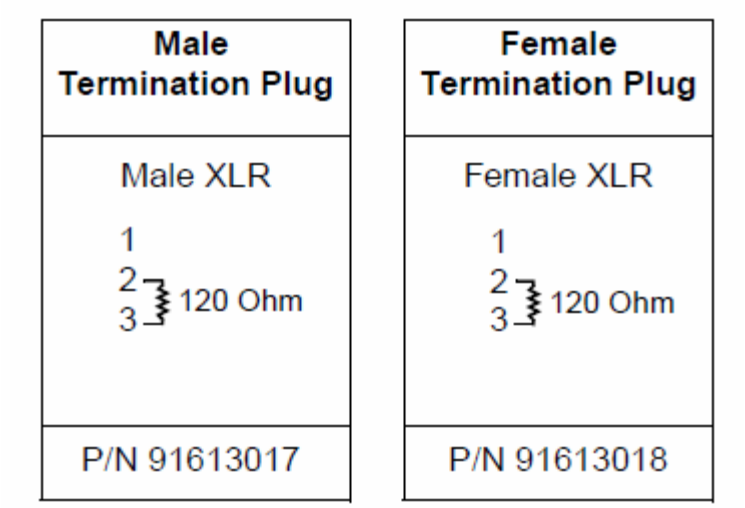


Please do remember to connect one circle circuit plug on the output signal of last equipment. It is a 120ohm resistance between terminals 2 and 3 of the CANON plug, which helps to avoid signal flash.





Terminate the link by inserting a male termination plug (P/N 91613017) into the data output of the last fixture. A termination plug is simply an XLR connector with a 120 ohm, 0.25 W resistor soldered across pins 2 and 3.

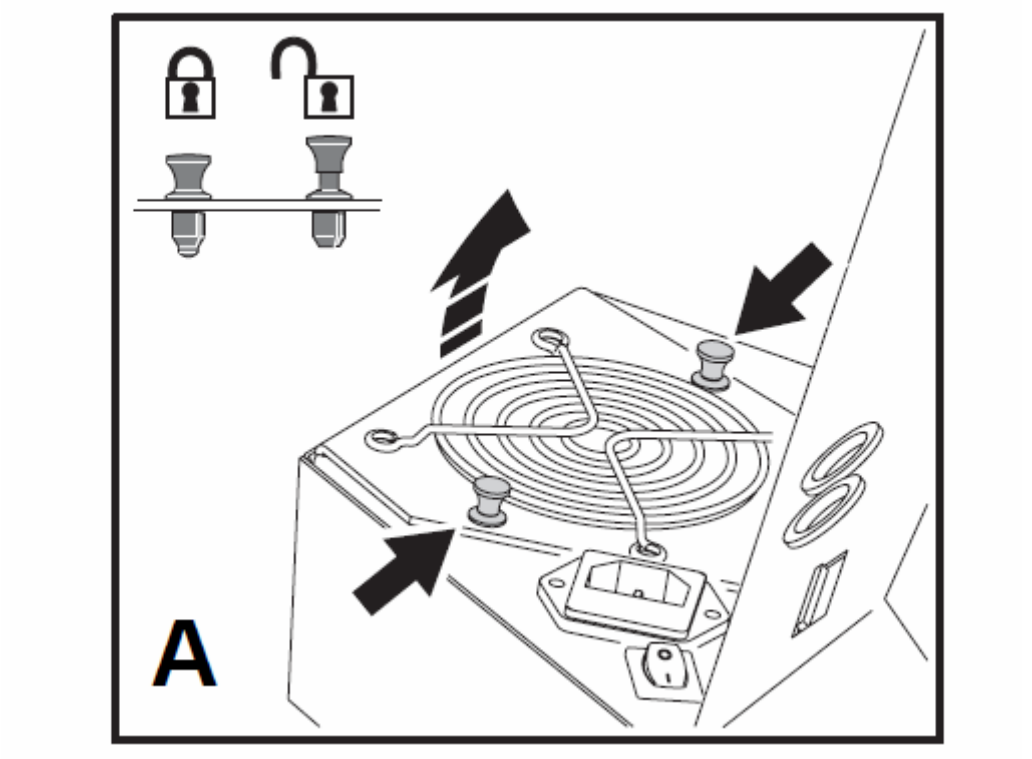


6 Maintenance

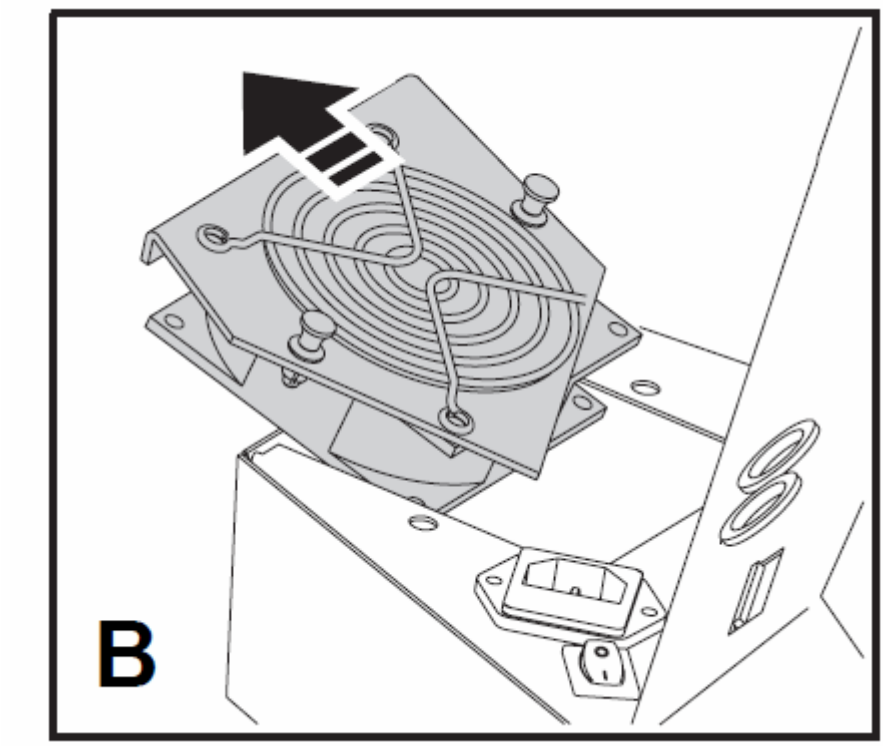
Cleaning the fan and air vents

To maintain adequate cooling, dust must be cleaned from the fan and air vents. The Wizard Extreme fan can be removed from the fixture to give access for cleaning.

1, To clean the fan, disconnect the fixture from power and allow it to cool completely
2, Pull the two locking pins on the fan up to release it, and lift up the outer edge of the fan (illustration A).



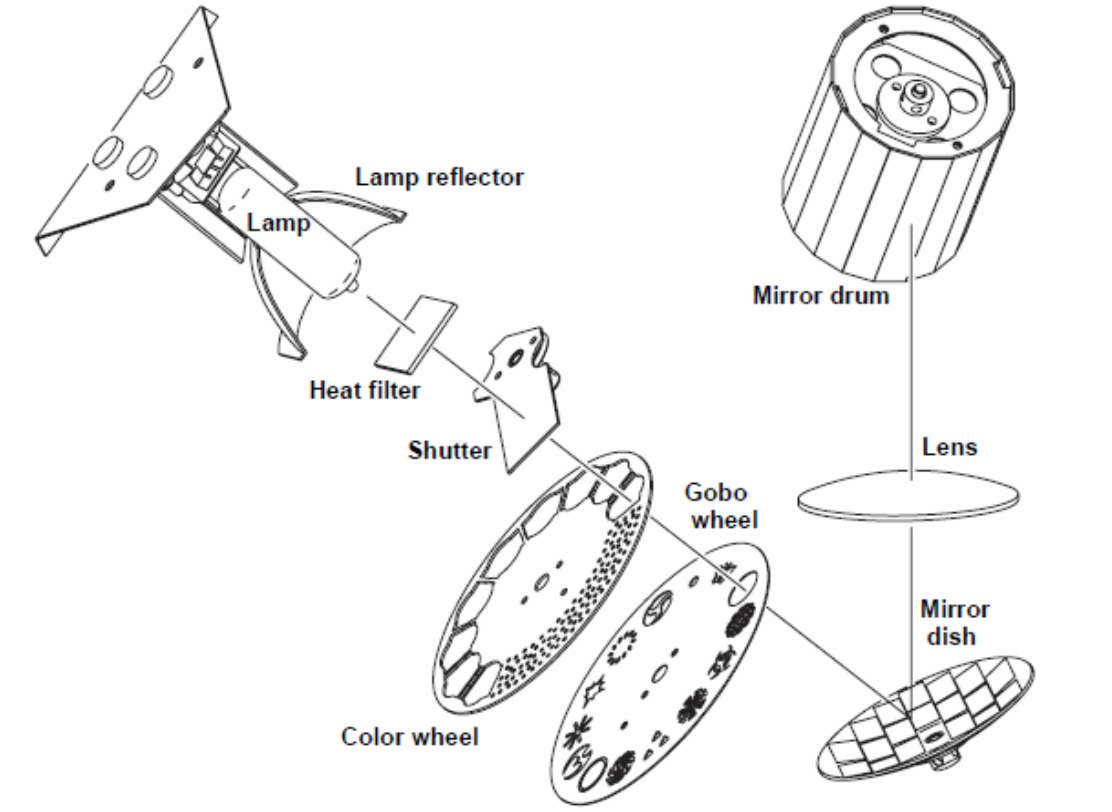
3, Slide the fan out of the fixture housing (illustration B).



4. When the fan is clear of the housing, lift it up for access to the fan blades.
5. Remove dust from the fan and grille with a soft brush, cotton swab, vacuum, or compressed air.
6. Replace the fan in the housing and push down on the two locking pins to secure it.

Cleaning optical components

Clean the optical components regularly. The presence of smudges or dust on optical surfaces can reduce the strength of the light output and the quality of the effects.
The following illustration shows the elements that need to be kept clean:



Use care when cleaning optical components and work in a clean, well lit area.
The coated surfaces are fragile and easily scratched. Do not use solvents that can damage plastic or painted surfaces.

1. Disconnect the fixture from power and allow the components to cool completely.
2. Remove the fixture cover. You may want to remove the lamp for cleaning
3. Vacuum or gently blow away dust and loose particles with compressed air.
4. Remove stuck particles with an unscented tissue or cotton swab moistened with glass cleaner or distilled water. Do not rub the surface: lift the particles off with a soft repeated press.
5. Remove smoke and other residues with cotton swabs or unscented tissues moistened with isopropyl alcohol. A commercial glass cleaner may be used, but residues must be removed with distilled water. Clean with a slow circular motion from center to edge. Dry with a clean, soft and lint-free cloth or compressed air.
6. Replace the fixture cover (and lamp-access cover) before applying power.

LAMP MAINTENANCE

The Wizard Extreme is supplied with an HSD 250W/80 long-life discharge lamp installed

Lamp envelopes weaken with age, so to reduce the risk of lamp explosion replace the lamp when it reaches the limit of its service life as specified by the manufacturer.

The following lamp types are supported:

- Osram HSD 250/80
- Osram HSD 250/78
- Osram HSD 250/60
- Philips MSD 250/2
- Philips MSD 200

Allow the lamp to cool for at least 5 minutes before packing and moving the fixture. To avoid possible damage, remove the lamp when shipping the fixture.

Warning! Always disconnect the fixture from AC power and allow it to cool for at least 5 minutes before installing the lamp. The screws on the lamp plate can reach 90° C (194° F) during operation.

FUSES

The Wizard Extreme uses a time-delay fuse for protection against current overload. If the power LED does not light when power is applied, the fuse may be spent. If the fuse blows repeatedly, there is a fault with the unit that requires service by a Shine technician.

Never bypass the fuse or replace it with one of another size or rating.

Replacing the main fuse

1. Unplug the mains cable from the input socket.
2. Open the fuse holder, which is built into the input socket, and remove the fuse.
3. Replace the fuse with one of the same type. The fuse rating is listed on the serial number label that can be found on the back of the fixture.

6 Warning

For protection from dangerous electric shock, the fixture must be grounded (earthed). The AC mains supply shall have overload and ground-fault protection.

Following the cord cap manufacturer's instructions, connect the yellow and green wire to ground (earth), the brown wire to live, and the blue wire to neutral. The table below shows some pin identification schemes.

Wire	Pin	Marking	Screw color
brown	live	"L"	yellow or brass
blue	neutral	"N"	silver
yellow/green	ground	⏚	green

7 Errors/Mistakes and Recommendations

Please write me at triangle.lights@gmail.com for any errors/mistakes, or improvements that you think would make it a better manual.

We appreciate your help and will offer discounts for your next purchase depending on how much you contribute.